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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/546,952	04/11/2000	Mandayam. Anandampillai Sridhar	AMPSP002	4235

7590 10/09/2002
Joseph A Nguyen
3410 Antonacci Ct
San Jose, CA 95148

EXAMINER

MIZRAHI, DIANE D

ART UNIT	PAPER NUMBER
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2175

DATE MAILED: 10/09/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/546,952

Applicant(s)

Sridhar MANDAYAM

Examiner

MIZRAHI

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE THREE MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Apr 11, 2000
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 2 is/are pending in the application.
- 4a) Of the above, claim(s) _____ is/are withdrawn from consideration
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 2 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claims _____ are subject to restriction and/or election requirement

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of:

- ☐ Certified copies of the priority documents have been received.
- ☐ Certified copies of the priority documents have been received in Application No. _____.
- ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____ 6) ☐ Other:

DIANE D. MIZRAHI
PRIMARY PATENT EXAMINER
TECHNOLOGY CENTER 2100

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III. DETAILED ACTION

1. Claims 1-2 are presented for examination.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371[©] of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) do not apply to the examination of this application as the application being examined was not (1) filed on or after November 29, 2000, or (2) voluntarily published under 35 U.S.C. 122(b). Therefore, this application is examined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

3. Claims 1-2 are rejected under 35 U.S.C. 102(e) as being anticipated by Herbert P. Sutter (US Patent No. 6,446,092 B1 and Sutter hereinafter).

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4. Regarding Claim 1, Sutter teaches a computer-implemented method for representing a data schema that implements a relational database scheme in a graph, comprising: identifying tables of said data schema; (col 37, lines 15-31) representing said tables as nodes (col 4, lines 10-21) of said graph (i.e. spanning tree) (col 18, lines 3-24); identifying foreign key relationships pertaining to individual tables of said data schema (col 44, lines 1-40); and representing said foreign keys relationships as links of said graph (col 44, lines 1-40; col 49, lines 1-45).

Regarding Claim 2, Sutter teaches representing said data schema as a graph, including identifying tables of said data schema, representing said tables as nodes of said graph (col 4, lines 10-21), identifying foreign key relationships pertaining to individual tables of said data schema (col 44, lines 1-40) and representing said foreign keys relationships as links (col 44, lines 1-40) of said graph; extract from said graph a plurality of possible relationships pertaining to a node in said graph (col 18, lines 66-67 to col 19, lines 1-30), said plurality of possible relationships (col 18, lines 66-67 to col 19, lines 1-30) pertaining to foreign key relationships that said node has with other nodes of said graph; presenting said plurality of

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possible relationships to an operator of a computer (col 36, lines 26-65); and facilitating selection of one of said plurality of possible relationships (col 18, lines 66-67 to col 19, lines 1-30).

Prior Art Made of Record

5. A. Bowman-Amuah (US Patent No. 6,339,832 B1) discloses exception response table in services patterns; and

B. Goodman et al. (US Patent No. 6,199,195 B1) discloses automatically generated objects within extensible object frameworks and links to enterprise resources).

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure.

Points of Contact

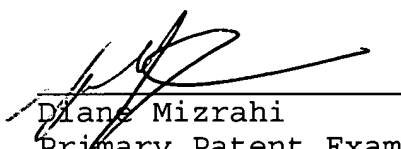
7. Any inquiry concerning this communications from the examiner should be directed to Diane Mizrahi whose telephone number is (703) 305-3806. The examiner can normally be reached on Monday to Thursday from 7:30 AM. to 5:00 PM.

If any attempt to reach the examiner by telephone is unsuccessful, the examiner's supervisor, Dov Popovici can be reached on (703) 305-3830.

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Any response to this office action should be mailed to The Commissioner of Patents and Trademarks, Washington, D.C. 20231 or telefaxed at our phone number (703)746-5612.

For formal or draft communications, please label "PROPOSED" or "DRAFT". Hand-delivered responses should be brought to Crystal Park II, 2021 Crystal Drive, 4th Floor Receptionist, Arlington, Virginia.



Diane Mizrahi
Primary Patent Examiner

Technology Center 2100

October 8, 2002